

Scott M. Matheson
Governor



James O. Mason, M.D., Dr.P.H.
Executive Director
801-533-6111

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STATE OF UTAH
DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110-2500

J. Smith
Copy To Sue
File ACT/09/016
JIM
MAY 15 1984

May 11, 1984

Kenneth Lee Alkema, Director
Room 474 801-533-6121

Mr. Wilford Ruf
Crater Exploration, Inc.
954 East 7145 South, Suite 202
Midvale, UT 84047

RE: Wastewater Ponds, Taylor Property

Dear Mr. Ruf:

We have reviewed the Crater Exploration Unit #3 wastewater design information submitted April 4 and April 24, 1984. The proposed flotation system will need to be built in compliance with state wastewater disposal regulations, policies implementing salinity control in the Colorado River Basin, and state groundwater protection policies. These will require companies to minimize the seepage of contaminated process wastewater.

Because of the proposed use of flotation reagents, the ponds must be lined. The dikes will also have to be constructed with slopes no steeper than two horizontal to one vertical. Information on a proposed lining, resulting seepage rates and dike cross section will have to be submitted to this office for our review and approval prior to additional construction or use of these ponds.

Since some of the ponds are proposed to be located in a natural drainage, the information submitted is inadequate to determine the amount of storm runoff from the 33 acres of the drainage area. Information and design calculations on the diversion or containment capability for the storm runoff will need to be submitted. Additional design information on tailings disposal, spillway elevation and capacity must also be submitted and approved by this office.

Although no discharge is planned, the company should consider making an application to the Environmental Protection Agency for an NPDES Permit. The permit may provide the company with some legal benefits if a discharge occurs due to unusual weather conditions.

Please contact Steve McNeal of this office if you desire to discuss the plan review items in this letter.

Sincerely,

Don A. Ostler, P.E., Chief
Engineering & Construction Grants
Bureau of Water Pollution Control

cc: Oil Gas & Mining ✓
Southeastern Dist. Health Dept.
Southeastern AOG

SRM:lt
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